

# *Junos Pulse Secure Access Service Release Notes*

IVE Platform Version 7.1R22.1 Build # 37041

**This is an incremental release note describing the changes made from 7.1R1 release to 7.1R22.1. The 7.1R1 GA release notes still apply except for the changes mentioned in this document. Please refer to 7.1R1 GA release notes for the complete version.**

## **Noteworthy Changes:**

### **1. ESAP package limitation**

Starting with the release of IVE OS 7.1R13 there is a limitation in the number of ESAP packages that can be stored on the SSL VPN device at one time. It is recommended that no more than four ESAP packages be hosted simultaneously by the device. If there are already four existing ESAP packages hosted on the device and a new ESAP package needs to be imported, one of the existing ESAP packages needs to be deleted prior to importing a new ESAP package.

### **2. Network Connect and Secure Meeting Installation Path**

For the current set of releases when installing Network Connect and Secure Meeting from a 7.1-based release, the specific clients are installed in directories labeled "Network Connect 7.1.0" and "Secure Meeting 7.1.0" respectively. But for the 7.1R7 and greater releases (applies only 7.1-based maintenance releases), the maintenance release version will be used in the labeling of the directories. For example, if Network Connect or Secure Meeting is launched from a 7.1R9 release, the respective install directories will be labeled "Network Connect 7.1.9" and "Secure Meeting 7.1.9". The previous installation of the Network Connect client and Secure Meeting will not be automatically uninstalled. Please note that this will not impact the Network Connect or Secure Meeting functionality in any way. (754887)

### **3. ACE authentication library**

Starting with the release of IVE OS 7.1R5, the RSA ACE authentication library that is responsible for communication with backend RSA ACE authentication servers has been upgraded. This upgrade will not result in any behavior change of the existing or new ACE authentication server instances defined on the SSL VPN platform except for the following caveat: The newly upgraded library is not compatible with any 5.x versions of RSA Authentication Manager Servers

### **4. Client-side Certificate Authentication**

Starting with the release of IVE OS 7.1R2, for X.509 Root and Intermediate CA Certificates the 'BasicConstraints' critical extension field (as defined in RFC 2459) must be present and set to "true" or else the certificate cannot be properly validated during client certificate authentication and/or realm & role level client side certificate restrictions may fail.

### **5. Device Management Interface**

Starting with the release of IVE OS 7.1R5, an additional RPC has been added that enables administrators to query the license server for leased license counts. Please refer to <http://www.juniper.net/techpubs/software/ive/guides/j-sa-sslvpn-7.1-dmiguide.pdf> for more details. (702341)

## **The NSM schema for this software version will not be published.**

1. Since the schema for this software version is not published an attempt to manage a device running this version would result in adjust-os-version to fail on NSM. Device object needs to be deleted and recreated in NSM. After that, NSM will be able to manage the device using the published schema.
2. SA Device upgrade to this OS version using NSM would not work as noted in the General NSM limitations Section.

## **General NSM Limitations**

1. If there is a mismatch between an IVE OS software catalog build version and the release build version, upgrading the SSL VPN device using NSM will not work. For example:

IVE OS 6.5R3 schema was published using build 15215 (software catalog version), but subsequently, IVE OS 6.5R3.1 was released with build 15255. In this case, NSM will not recognize build 15255 as a valid upgradable release. However, if device is manually upgraded to build 15255, since there were no additional schema changes, the device should still be manageable via NSM.  
(523868)

## **Best Practices for FIPS Devices**

The following does not apply to configs exported from 6.5R5 and beyond:

1. Do not import a previously exported system config since it might contain a corrupted FIPS keystore database. If you must import an older system config, the option “Import Device Certificate(s)” must be unchecked when importing.
2. After upgrading to 6.5R2 it is strongly recommended that the system config be exported to take a back up of FIPS keystore database. The newly created system config will contain a clean FIPS keystore database.
3. After upgrading to 6.5R2, in case the admin console reports a “FIPS disassociated” state, go into serial console and reload the FIPS keystore database (Option 9 -> Sub-option 1).

## **Known Issues/Limitations in 7.1 Releases:**

1. IKEv2 connections from high latency networks with significant packet drop counts, IKEv2 VPN tunnels may be closed erroneously if the packet retransmission times out
2. When a Pulse 3.0 or later client connects to a 7.1 server, the Pulse client will see an upgrade prompt. (328646)

## **Known Issues/Limitations fixed in 7.1R22.1 Release**

1. Use After Free following d2i\_ECPrivateKey error fix (CVE-2015-0209). (325928)
2. ASN.1 structure reuse memory corruption fix (CVE-2015-0287). (325925)
3. Base64 decode (CVE-2015-0292). (325927)

## **Known Issues/Limitations fixed in 7.1R22 Release**

1. When rewriting a web page that contains a large amount of XML content, the rewrite server process might crash. (322154)

#### **Known Issues/Limitations fixed in 7.1R21 Release**

1. Admin users are unable to access the console, and are getting “You are not authorized to use serial console”, even when correct credentials are used. (310057)

#### **Known Issues/Limitations fixed in 7.1R20 Release**

1. endpointintegrity-opswat - The SDK used for OPSWAT-based detection has been updated (1008764)
3. System-other - License clients may experience a memory leak when license communication is configured for the management or external port. (927473)
4. Web-other - Kerberos-based SSO to backend resources may trigger rewrite process crash. (929942)
5. web-other - IE 9 may not download newly updated JavaScript files used for login to the IVE if a previous version is already cached (956917)
6. web-supportedapps - If the web server fails to send a chunk-size line, the rewrite daemon may fail (961761)

#### **Known Issues/Limitations fixed in 7.1R19 Release**

1. cs-nc-enduser - Network Connect Client Check option on the client may be initialized erroneously. (962767)
2. pulse-hostchecker - Machine certificate policies might fail during evaluation if the client machine has more than one certificate installed that matches the policy configured on SA. (837149)
3. cs-nc-install-upgrade - With Network Connect client check option enabled, users are unable to install/start Network Connect. (866688)

#### **Known Issues/Limitations fixed in 7.1R18 Release**

1. endpointintegrity-opswat - The Antivirus product Super Security Zero 16.x fails to pass the number of updates check. (944660)
2. secure-terminal-other – When launching the secure terminal access applet with JRE 7 Update 25, a warning message stating that the applet is unsigned pops up. (915552)
4. web-other - If the Premier Java applet feature is enabled, the Hob applet is signed with Secure Access Gateway certificate instead of the code signing certificate (788777)
5. web-other - Web request is getting rejected when request URL contains hexadecimal codes. (948178)
6. web-other - The premier Java applet and the secure terminal access applets cannot be launched with JRE 7 update 51. (955065)

7. win-term-svcs-other – On a Windows 7 or Windows 8 client, RDP functionality through the Juniper Windows Terminal Services client fails if a fully qualified domain name is used to connect to the server. (926496)

#### **Known Issues/Limitations fixed in 7.1R17 Release**

1. clustering-active-passive - Reserved IP addresses such as 0.0.0.0 are assigned to Network Connect clients. (904919)
2. cs-jsam-other - Java7 update 45 displays a warning that the Juniper application will be blocked in a future update due to the JAR manifest file does not contain the permissions attribute. (931822)
3. cs-nc-enduser - Warning messages coming up stating that JAR file manifest does not contain the permissions attribute when using Java7 update 45 on Mac OS. (932519)
4. cs-nc-enduser - Installation of Network Connect on Linux pops up a yellow warning message when using Java 1.7 Update 45. (933673)
5. endpointintegrity-ees - Bookmarks page fails to load after EES check completes. (926262)
6. endpointintegrity-install - Java 7 update 45 displays an error regarding missing manifest. (933792)
7. juns-ax-java-installer - Java 7 update 45 displays a security warning with the application name as "Unknown" when launching Juniper components via Java. (931408)
8. web-other - Add support to the following date time format in cookie expires header  
  
expires=Friday, 08-Jan-99 13:00:00 GMT;  
expires=Sun, 07 Jun 2000 00:02:03 GMT;  
expires=Thu Feb 3 17:03:55 GMT 1994;  
expires=Thu Feb 3 00:00:00 1994 GMT;  
expires=2001-01-31T11:00:11;  
expires=Friday, 08-Jan-99;  
expires=Sun, 07 JUN 2000 (892822)
9. web-other - Relative URLs with encoded characters are rewritten incorrectly; this may yield a page not found error. (931576)
10. web-other - Java manifest file incompatible with security checks with Java 7 update 45. (933138)
11. win-term-svcs-enduser - Warning messages from Java 7 update 45 related to missing permissions, application name, and code base attributes in the manifest file. (932422)

#### **Known Issues/Limitations Fixed in 7.1R16 Release**

1. cifs-other - Files with Chinese file names were not downloaded successful via rewriter (853956)
2. cs-wsam-acls - Unable to configure WSAM server with non-contiguous netmask. (811133)
3. endpointintegrity-install - Host Checker fails to launch on non-Windows Platforms. (902555)
4. endpointintegrity-loginflow - If Host Checker fails from the browser (agentless) and a user clicks on “Try Again” Host Checker may launch several times, ending in an installation failure message (786704)
5. fips-other - Client certificate authentication fails with keys larger than 2048 bit on FIPS appliances. (865199)

6. logging-admin - If detailed rules are modified in the SAM, File or Web resource policies, the changes to the resource policies are not logged in the admin access logs. (876448)
7. system-webserver - Web server crash on the SA6500 FIPS when authorization only URLs configured. (845866)
8. web-other - Apple iTunes-based links were not rewritten properly. (873683)

#### **Known Issues/Limitations Fixed in 7.1R15 Release**

1. aaa-client-cert - SA is not able to send LDAP traffic to LDAP-CDP server configured through a port other than the default port 389 (857691)
2. cs-jsam-enduser - On launching or exiting JSAM, users get a "Block potentially unsafe components from being run" security warning message from Java7 Update 21. (878390)
3. endpointintegrity-others - When launching Host Checker via Firefox 19.x the user start page may fail to load. (865613)
4. juns-ax-java-installer - On launching any client components users get a "Block potentially unsafe components from being run" security warning message from Java7 Update 21. (877058)
5. log-upload-java-client - With Java 6 update 39 and greater, JSAM window does not close when the session ends. (860840)
6. web-other - A blank Sametime web chat window opens when accessed through rewriter. (854588)
7. web-other - User was not able to access few links in SAP portal via Rewriter Through IE9 (875311)

#### **Known Issues/Limitations Fixed in 7.1R14 Release**

1. aaa-active-directory - In some circumstances, switch over from BDC back to PDC may be delayed. (814169)
2. aaa-client-cert - iPad/iPhone users while getting authenticated using certificate authentication are prompted a second time to select the certificate after providing the user credentials (802157)
3. aaa-ldap - Cgi-server crashes in some corner case with iPlanet LDAP Server where user attempt to change his password fails due to a password policy other than the default password policy("cn=Password Policy,cn=config") in Iplanet Server. (845370)
4. aaa-other - Log messages do not follow the uniform way of printing user name. (812629)
5. aaa-sign-in-pages - Siteminder injected header is not sent to back-end server from IVE when using Authorization-only Sign-in policy. (832388)
6. cs-nc-ike - Traffic flowing through IKEv2 VPN tunnel stops after some time in environments with high latency and significant packet loss (797140)
7. endpointintegrity-esap - ESAP package fails to decrypt on one or more nodes on a 4-Node A/A Cluster. (779118)
8. fips-other - While accessing FIPS Clustered SA through hostname, the user is presented with the self signed device certificate despite of renewed device certificate. (845446)

9. juns-other - SetupClient: In IE 9, the browser uses the cached copy of pleasewait.js even if the copy on the IVE has changed (838625)
10. juns-other - Query parameter is missing for "Pleasewait.js" during logout process (856050)
11. pulse-mobile-vpn - Custom text in French for Signing-in-Page doesn't show up in French but appears in English on iOS and Android browsers. (832562)
12. system-digital-cert - Import fails for device certificate missing CN attribute. (840940)
13. system-other - Data URI schemes don't get rewritten properly, causing high CPU utilization on SA. (825068)
14. uac-sbr - SBR debug logs with level 20 and RADIUS troubleshooting logs displays clear-text user account password. (841319)
15. web-active-x - User is unable to send e-mail attachments in iNotes 8.5.3 FP2 - Full mode. (831990)
16. web-other - Rewriting of empty URL to avoid security warning is preventing the page to be rendered properly (821421)
17. web-other - Improved memory utilization in Authorization only proxy server. (822311)
18. web-other - In certain cases (for example links starting with "JavaScript :"), client side rewriting of "GetAttribute" JavaScript function call fails to remove escape characters. (832726)
19. web-ptp-other - Authorization only proxy server crashes when the backend server is not reachable under heavy load. (849951)

### **Known Issues/Limitations Fixed in 7.1R13 Release**

1. aaa-active-directory – If the primary domain controller (PDC) and backup domain controller (BDC) go down and come back up in a certain sequence then the IVE might hit a condition where the authentication request is always sent to the BDC even if the PDC is up. (814169)
2. aaa-other - If the number of users logged into an IVS is greater than or equal to the guaranteed minimum limit for the Root system, users cannot log into the Root system. (821155)
3. aaa-policies - User cannot add "detailed rules" policies to an existing Web/File/Network Connect ACL. (756547)
4. cs-nc-acls – Network Connect does not connect to SA when IP address range is configured in Network Connect ACL. (815025)
5. cs-nc-enduser - Network Connect icon does not show up in system tray and users get disconnected in 5 minutes when Network Connect tunnel is launched via Credential Provider. (819388)
6. cs-nc-install-upgrade - If Type of Service is enabled on SA, the Network Connect client displays an error message stating that Network Connect could not initialize the Type of Service (TOS) feature though TOS has been configured successfully. The issue is seen on Windows 7 64 bit endpoint while trying to install and launch Network Connect as restricted user. (747112)
7. endpointintegrity-liveupdate - In a clustered environment, the "Auto-update virus signatures list" occasionally fails to download thereby causing all users to fail the Host Check. (733352)
8. fips-other - Certificate authentication does not work with Pulse on SA4000FIPS, SA6000FIPS devices. (704698)

9. pulse-hostchecker- Finding delay in Host Checker due to Shavlik dlls, even when patch assessment is not required. (795901)
10. pulse-hostchecker - Pulse Desktop clients enforced with cache cleaner policy see an "Authentication rejected" error message while connecting to server. (811597)
11. pulse-mobile - When "Logo links to" in UI options is set to Bookmark page, Floating Toolbar logo does not link back to mobile weblink (793102)
12. pulse-sa-sam-am - In some instances, if a Win 7 64-bit is in hibernate mode with Pulse WSAM running, it can result in a BSOD. (690418)
13. system-dspar - SA occasionally fails to archive logs. (791941)
14. system-other - iveDiskNearlyFull SNMP trap being erroneously sent if archiving takes longer than 30 minutes (815915)
15. web-other - In some cases of XML data chunks, XML garbage is not handled properly. (722277)
16. web-other - jQuery Internet portal fails to load properly through core access. (796234)
17. web-other - Oracle JDE Enterprise One application when accessed through IVE is calling a function detectClose() which is closing the previous window when a new window is opened. (802412)
18. web-other - Certain types of JavaScript content that is greater than 14 K in length is not being rewritten correctly. (803749)
19. web-other - Unable to login to AJAX site through the rewriter and random username characters are auto-populated. (806592)
20. web-other - Java script error in rewriting the SAP portal page. (820388)
21. web-sso - Rewriter server crashes intermittently during Web SSO. (797257)
22. win-term-svcs-other - Under peak load, WSAM, Windows Terminal Services, Citrix Terminal Services users experience slow response times if RADIUS accounting is enabled for this traffic. (787199)

#### **Known Issues/Limitations Fixed in 7.1R12 Release**

1. clustering-active-passive - VIPs might failover in an A/P cluster. (808870)
2. cs-jsam-enduser - JSAM is not able to modify hosts file when Java version 1.7.x is being used. (790767)
3. cs-nc-enduser - Re-login with cached credentials for UPN name doesn't work with Credential Provider, when network is not available. (740780)
4. cs-nc-enduser - Text fields of the standalone Mac Network Connect client are transparent on certain versions of MAC OS X. (745373)
5. endpointintegrity-loginflow - In some instances, invalid role and realm values are displayed in the Host Checker policy evaluation logs in the user access logs. (733553)
6. endpointintegrity-others - The Host Checker policy evaluation is configured for McAfee 8.x and if the policy check fails, user is presented with duplicate reason strings. (786879)

7. endpointintegrity-others - If the Host Checker policy is configured for a custom registry check with a "Minimum Version" requirement, the policy is not enforced and the rule will always pass. (790272)
8. meeting-series-enduser - There is intermittent loss of control for the non-host presenter when using Secure Meeting/Junos Pulse Collaboration. (706680)
9. system-licensing - Incorrect expiration duration displayed when a subscription license is about to expire in 90 days. (610598)
10. system-licensing - There is a memory leak relating to SA license server and client communications. (791568)
11. system-other - Certificate auth and SAML auth users that access OWA 2003 through the rewriter might see the browser looping through the same set of requests after the user's session times out. (747451)
12. web-ive-toolbar - A specific custom web application shows blank when the standard toolbar is used. (800659)
13. web-javascript - Slowness seen when accessing OWA 2010 through the rewriter. (756940)
14. web-other - Rewrite server is crashing when parsing a malformed comment HTML tag. (738196)
15. web-other - ExtJs JavaScript lib/framework's setStyle function is not rewritten. (789723)
16. web-other - Rich text editor in the Maximo web application doesn't work through the rewriter. (802523)

#### **Known Issues/Limitations Fixed in 7.1R11 Release**

1. cs-jsam-enduser - JSAM is not able to modify hosts file when Java version 1.7.x is being used. (790767)
2. cs-nc-enduser - Network Connect users are connected via SSL instead of ESP after 16,383 Network Connect tunnels. (787424)
3. cs-nc-install-upgrade - Network Connect fails to install on MAC OSX 10.5. (792985)
4. endpointintegrity-others - While accessing IVS, user receives the error "The page you requested could not be found" upon clicking the "click here" link to bypass Host Checker. (769705)
5. sysmgmt-xmlimport - XML Import fails to import WSAM policies in the User roles. (776047)
6. system-other - CGI server crashes while doing a cluster upgrade. (738678)
7. system-webserver - IVE web server crashes resulting in user sessions getting disconnected, when users connect from 3.X pulse client and tries to extend session from Pulse user interface, since "Session extension" feature is not supported in 7.1Rx. (784691)
8. ui-admin - "Bookmarks: All" is directed only to the user profiles with Web enabled in Access Features. (752171)
9. web-javascript - IVE is not able to load the dashboard screen of the Splunk web application. (754687)
10. web-html - Rewriting of location object creates loop in customer application. (785563)
11. win-term-svcs-enduser - Citrix Listed Applications configured under Terminal Service Resource Profile are not opening in the expected window size. (773630)



12. web-other - Shavlik remediation page reason strings are not displayed properly in foreign languages (non-English). (735501)

#### **Known Issues/Limitations Fixed in 7.1R10 Release**

1. aaa-admin - When no 'CN' value exists for DN of the group in LDAP server while we add a group to server catalog from the IVE, the web interface will state "field is empty" for "Name" and "DN Type" fields. (752370)
2. aaa-client-cert – An error is logged in the user access logs on a successful certificate authentication when using bridged CAs. (755474)
3. aaa-saml - Under SAML settings, if the "validity of metadata file" is set to 9999, the IVE downloads the peer's Metadata continuously. (750861)
4. clustering-active-passive - When multiple failover actions occur simultaneously, the cluster VIPs do not failover properly. (753624)
5. web-html - Javascript rewriting of eval function fails in some instances. (750640)
6. web-other – If the home start screen on an iPhone is set as a bookmark for a web application that is accessed through the SA then the user sees an error page. (755178)
7. web-other - A specific jquery object attribute is not rewritten properly. (779337)
8. web-sso – Users are unable to login to a device that has multiple Kerberos SSO policies if the primary AD server is down and the backup AD server is up. (778429)

#### **Known Issues/Limitations Fixed in 7.1R9 Release**

1. aaa-delegatedadmin - One-time password option in Radius authentication server configuration does not show the correct status when accessed using read only administrator role. (744206)
2. cs-nc-enduser - In Windows 7 French operating system, Network Connect fails to launch with error 23791 when Blue Coat http proxy authentication is enabled. (736814)
3. cs-nc-enduser - When using nclauncher with Smart card authentication, due to smart card handle not being closed, the user is prompted for login credentials when user attempts to launch Network Connect tunnel again. (743500)
4. cs-nc-i18n - "I18N\_END\_BROWSER\_SESSION" is displayed instead of message on non English language browser after starting Network Connect if "Remove Browser Session Cookie" option is enabled. (753557)
5. cs-wsam-other - WSAM freezes when using Microsoft folder redirection. (593859)
6. logging-syslog - When creating a custom filter using the quote (") character as a separator, this is sent to the syslog server as the HTML code "&quot;". (746694)
7. meeting-series-admin - Unable to disable Meeting Events under Event Logs->Settings. (580698)
8. pulse-mobile-i18n - Long bookmark names that use double byte characters show up garbled in mobile device browsers. (740946)
9. pulse-other - Radius challenge(defender page) is not working with Pulse Client. (741055)
10. pulse-soft-token - New PIN mode does not work in the Pulse client. (744212)

11. system-monitoring-framework - When a user accesses a back-end SSL site with a "%" in the URL, the SNMP trap process restarts. (746281)
12. web-java-sun-jvm - A specific in-house Java applet fails through rewriter. (738364)
13. web-other - User will not be able to access an SSL enabled site using NTLM authentication if the option "Allow users to bypass warnings on a server-by-server basis" is checked. (733957)
14. web-other - Issue in the rewriter if an HTML tag contained more than 57 attributes. (738832)
15. web-other - MediWeb Application is not displaying correctly through the rewriter. (746388)
16. web-other - <a href="tel:" is not being handled correctly through the rewriter.(748924)
17. web-other - An error occurs when an .FDF file is rewritten. (749046)
18. web-other - HP service manager web site login page displays blank page through the rewriter. (754558)
19. web-other - Null object exception/error is being received when trying to load custom web application. (754579)
20. web-other - MS Forecaster 7.0 application is not working through the rewriter. (755619)
21. web-other - Certain java contents of a page are not getting displayed for a custom web application due to an issue with rewriting. (756377)
22. web-policies - Web application containing Google maps does not work through rewriter. (747127)

#### **Known Issues/Limitations Fixed in 7.1R8 Release**

1. cs-nc-enduser - In Windows 7 PC, the Network Connect adapter shows truncated DNS suffix for the current connection. (737322)
2. cs-nc-enduser - Network Connect standalone client fails to launch with script error "The value of the property "tryneoterisStartup" is null or undefined, not a function object" after upgrade to 7.1RX. (743265)
3. cs-nc-other - Network Connect authentication through GINA/CP is slow on a system heavily loaded with services. (700522)
4. cs-nc-other - Network Connect client does not re-establish a connection when a Windows 7 machine comes back from sleep mode. (724349)
5. endpointintegrity-others – When running SVW, the dshostchecker process is leaking handles. (671869)
6. meeting-series-enduser - The error message in German locale is misleading if user enters an incorrect username in MySecure meeting. (680707)
7. meeting-series-enduser - The secure meeting presenter on a Win 7 IE9 machine is not be able to regain the controller rights when the controller rights are passed to another meeting attendee. (706531)
8. msp-ivs - DNS and WINS settings are removed from IVS after upgrade. (725972)

9. sysmgmt-config-import-export - Push config with a size of greater than 100 MB fails. (732386)
10. sysmgmt-snmp - When a MAG device joins a cluster it send spurious SNMP traps for iveFanNotify. (742506)
11. system-digital-cert - User is unable to renew device a device certificate on a SA6500-FIPS. (733269)
12. system-webserver - HTTP 1.1 connections to IVE do not work for specific application. (736990)
13. ui-enduser - For the 'welcome message' under 'personalized greeting' UI option, HTML tags display instead of being interpreted when logged in from iPhone or Android. (739565)
14. web-javascript - Problem with rewriter failing to rewrite image link with special characters. (737823)
15. web-other - IVE deletes all tickets for realm, if the second website sends 401 even though TGS fetch is successful. (658520)
16. web-other - Codebase parameter is rewritten incorrectly in the javascript rewriter. (710987)
17. web-ptp-other - Error in handling chunked HTTP data through rewriter. (736973)
18. win-term-svcs-enduser - Citrix Listed Applications fails to work if the response from the Citrix server contains multiple AppData tags. (725680)

#### **Known Issues/Limitations Fixed in 7.1R7 Release**

1. aaa-ldap - CGI server crashes while adding LDAPS server with server certificate validation if server certificate has two levels of CA. (727332)
2. aaa-saml - Plain text source IDs for artifact profiles of SAML 1.1 SSO policies doesn't work after upgrading the SA device to 7.1R5. (734510)
3. aaa-sign-in-pages - Welcome.cgi issues a 302 redirect with "Connection: Keep-Alive" but does not allow further requests on the connection. (575045)
4. cs-nc-enduser – With Mac OSX 10.6, Network Connect is refusing to connect and ncproxyd is crashing. (690214)
5. cs-nc-enduser - Network Connect launcher certificate authentication fails when there are more than 4 client certificates using the same name. (727513)
6. cs-nc-other - On Mac OSX Lion, Network Connect proxy settings are not working properly. (725126)
7. cs-nc-other - Viewing the physical memory through the Network Connect client on Windows 7 machines, the value is shown as negative/invalid. (730561)
8. cs-nc-policies - In some rare instances, the Network Connect PAC file doesn't get synchronized correctly between multiple nodes of a cluster. In such an instance, end users might not be able to launch Network Connect. (718351)

9. endpointintegrity-admin-ui - Clicking the table header links in the remediation section of the Host Checker Policy -> Antivirus rule page can result in the page not being displayed. (679298)
10. endpointintegrity-ees - EES installation will fail if the SSL certificate installed on the SA has certain characteristics. (704082)
11. endpointintegrity-install - After the installation of standalone HC completes, the installation dialogue box doesn't close automatically. (717849)
12. endpointintegrity-others - Host Checker failed reason string is garbled for SVW-enabled realm or role on Windows 7 x64 Japanese clients. (710003)
13. endpointintegrity-others - Rising Internet Security - HC policy fails while looking for latest virus definition, even when client has got latest definitions. (732464)
14. endpointintegrity-others - Rising Internet Security - HC policy gets passed for while looking for latest virus definition, even when client has got old definitions. (736056)
15. endpointintegrity-xml-import-export - Configuration change will not apply Host Checker policy behavior if the change is made via DMI. (721239)
16. juns-logging-svc-plugin - Junipersetupclientcontrol.log states the operating system to be "Operating System: Windows Vista" for a Windows 7 OS. (719206)
17. pulse-interop - End-users experience slowness when there are many concurrent Windows Pulse user sessions. (726370)
18. pulse-other - Launching of Pulse fails, when the option 'Allow all users and remember certificate information while user is signed in' is enabled in the realm. (719984)
19. sysmgmt-other - External User Record deletion does not happen. (729219)
20. system-admin - Active Users page in Admin UI doesn't load if there are more than 5000 Network Connect or Pulse users logged into SA. (726130)
21. system-other - During an Authorization Only connection, connections of other client mechanisms such as WSAM, JSAM, file browsing might break. (721196)
22. web-other - There is a rewriter issue related to jQuery. (580019)
23. web-other Problem rewriting xsl. (721441)
24. web-other - The Lotus Notes Quickr application doesn't work through the rewriter. (724732)
25. web-other - Problem in rewriting the flash links which contains custom port number. (725430)
26. web-other - The "browser request follow through" functionality doesn't work host-based PTP applications

(725981)

27. web-other - Issue with rewriting Jar file references in web pages. (726998)
28. web-other - The Web Request completed message is not being recorded in the user access log for any passthrough-proxy based resource (731961)
29. web-other - 'Connection: Keep-Alive' is missing in dsrecord.request.after header when HTTP1.1 is used. (732648)
30. web-other - Content for the <th> tag is not rewritten in the javascript rewriter. (732955)
31. web-other - Problem rewriting relative URL which contains hex-encoded character references. (733678)
32. web-other - Tabs inside SAP NetWeaver portal are not working due to incorrect rewriting. (735370)
33. web-other - "Book mark option" and "Add button" are being shown up when an SA device is accessed using Safari from iOS devices even when the option is disabled on the SA. (738280)
34. web-ptp-other - Javascripts for websphere server doesn't load properly via PTP. (730985)
35. web-sso - IVE is doing a Basic SSO with system credentials, even when it is not configured and this results in error "access denied" (690257)

#### **Known Issues/Limitations in 7.1R6 Release**

1. asg-aaa-saml - "If the source ID field in the SAML configuration is not a base 64 encoded values then the SAML SSO will fail due to a validation check that has been added for this field. To workaround this issue, enter a string that is base 64 encoded." (734510)

#### **Known Issues/Limitations Fixed in 7.1R6 Release**

1. aaa-radius - RADIUS authentication is failing if the size of the Access-Accept packet sent by the RADIUS server is more than 3000 Bytes. (696312)
2. aaa-sign-in-pages - End user message has been changed when user attempts to launch WSAM after user session has ended. (678720)
3. cachecleaner-end-user - Cache cleaner is unable to clear the recycle bin at session termination with Pulse desktop. (705465)
4. cs-jsam-enduser - On a Mac, a blank window pops up when launching a Citrix published application from a non-Citrix webserver. (677434)
5. cs-nc-enduser - If user session times out while Network Connect is in continuous reconnect mode, Network Connect might return Error 23791 when the network connection becomes available. (598805)

6. cs-nc-enduser - LogOff On Connect preferences are not carried over from the previous version. (682630)
7. cs-nc-enduser - If "remove browser session cookie" is enabled on the role, the log out page after the user launches WSAM or Network Connect has the "sign in again" link present. (688498)
8. cs-nc-enduser - When version.ini file has duplicate entries, valid URLs are deleted from the file after logging out from standalone Network Connect. (689467)
9. cs-nc-enduser - Network Connect is unable to launch if the internal SA pac file is larger than 64K. (698546)
10. cs-wsam-acls - Auto Allow policies for WSAM fails to allow corresponding ACL. (695786)
11. cs-wsam-enduser - WSAM crashes when launched on an XP machine. (685914)
12. endpointintegrity-custom-check – Host Checker custom check for a process with checksum validation fails on 64-bit Windows XP machines. (697422)
13. endpointintegrity-tncc - HC policies that include certificate checks can lead to a process memory leak and cause an interruption in services. (678222)
14. meeting-series-other - SA700 gets 'deleting past meeting' SNMP messages under Admin Access Logs. (697284)
15. pulse-mobile - The VPN button does not show up when logged in to SA from Android native browser. (724641)
16. sysmgmt-nsm-rendering - NSM authentication to IVE fails during DMI setup if NSM authentication is through management interface only. (704825)
17. system-digital-cert - With multiple signers in a cert chain, it may be possible for the chain to validate improperly past the root CA. (694173)
18. system-digital-cert - Intermediate CA certificate renewal does not apply until restart service or reboot. (703986)
19. system-licensing - Can't Install 'In Case of Emergency' license on multiple nodes of a cluster. (672660)
20. system-licensing - Trying to generate ACCESSX600 MTG license for MAG-IC gives error 'device is not compatible with the feature'. (693064)
21. web-other - Browse button is not displayed while accessing Sharepoint 2010 through re-write. (704546)
22. web-other - There was a java script rewriter issue related to the ACTION attribute in a FORM. (705426)
23. web-sso - Basic Auth SSO is not working when specifying multiple variables to construct the username. (700470)
24. web-supportedapps - IE crashes after sending emails with attachment for Lotus Inotes 8.5.2 (680149)
25. win-term-svcs-enduser - Multi-byte language name application doesn't launch for Citrix terminal services.

(702389)

26. win-term-svcs-other - If number or size of Citrix listed applications is very high, SA fails to retrieve the applications. (692312)
27. win-term-svcs-other - On a Windows 7 machine, the Juniper WTS client takes an additional 10 seconds to establish a connection to the server. (697176)

### **Known Issues/Limitations in 7.1R5 Release**

1. cs-nc-enduser - If “Remove Browser Session Cookie” is enabled for a role under Roles->Session Option then after the user logs in and launches Network Connect or WSAM, the user is redirected back to the login page. (688498)
2. aaa-active-directory - In some cases if the computer name in the AD server configuration is changed while multiple users are logging in then the machine password stored on the IVE can be different from the one stored on the AD server causing role mapping based on AD groups to fail for all users. The login failures are reported in the user access logs as “Login failed. Reason: NoRoles”. (710066)

### **Known Issues/Limitations Fixed in 7.1R5 Release**

The following list enumerates known issues which were fixed in this release:

1. aaa-active-directory - During any one of the following operations listed below, if there are multiple users authenticating against the AD server then the machine password stored on the IVE can be different from the one stored on the AD server causing role mapping based on AD groups to fail for all users. The login failures are reported in the user access logs as “Login failed. Reason: NoRoles”.
  - Restart of services on the IVE.
  - Upgrading or rebooting the IVE.
  - Failover from primary DC to backup DC
  - Clicking on “Test Account” in the AD server configuration page.(693968, 694089)
2. aaa-active-directory - In some instances, smbserver process might crash. (579389)
3. aaa-multisession - When same user logs in with a sign-in URL that has 2 realms associated to it and has an endpoint security check, results in Can't call method "getContextData" message. (671653)
4. aaa-other - Active users are still present in the passive node after a failover. All the users should get moved to the active node. (613480)
5. aaa-passwd-mgmt-nt-ad - Password change fails for iMode browser. (669524)
6. aaa-radius - CDL function incorrectly uses authentication server instead of directory server for evaluating custom expressions. (689157)

7. aaa-saml - When IVE acts as SP, SAML authentication fails. (665953)
8. clustering-other - There is a dsnetd memory leak in SA6500 and SA6000 clustered environments. (688265)
9. cs-nc-enduser - Network Connect fail to launch on a FIPS device if both 128-bit encryption and encryption strength enforcement are enabled. (589176)
10. cs-nc-enduser - While installing Network Connect on RedHat Linux, it prompts for root password (591691)
11. cs-nc-enduser - Once IVE is upgraded, previous version of Credential Provider on Windows 7 shows an error when installing new Network Connect version and Network Connect mini browser does not auto-launch after the user logs on to the computer. (667800)
12. cs-nc-other - UDP packets with TOS bits set were not sent to Network Connect virtual adapter (555240)
13. cs-wsam-admin - To reduce number of policies in WSAM policy framework, WSAM Destination Server list for role-based ACLs facilitates multiple lines to be added. (526728)
14. cs-wsam-enduser - WSAM Pulse stops sending traffic when there is change in IP even when roaming is enabled. (667287)
15. cs-wsam-enduser – Even though there are multiple entries specified for the same application in the “WSAM supported applications” section, only one of the entries is used. (676567)
16. cs-wsam-enduser - The IDD\_Timeout message is displayed in the WSAM UI when the IVE has closed the session but WSAM is still sending/receiving data. (676632)
17. endpointintegrity-svw - IE8 with Google Toolbar installed crashes inside Secure Virtual Workspace. (670872)
18. meeting-series-javaclient - Java detection problem with Firefox 7.0.1 prevents starting of Secure Meeting or Host Checker clients (695829)
19. pulse-other - If a Pulse client tries to connect when a session is already alive with the same user connected, RealmSignin crash occurs. (586439)
20. pulse-other - When ACE is set as a secondary authentication server, Pulse client gets into a loop during next token mode. (681700)
21. pulse-other - Session start script doesn't work when Pulse is launched. (684798)
22. pulse-proxy - Proxy settings (Instantproxy.pac) doesn't get updated on the PPP adapter when Pulse is launched using IE. (689367)
23. system-i18n - For LDAP auth, if realm option "Maximum number of sessions per user" is lowered, the next user to login sees "Invalid Username/Password" and logs incorrectly show "Login rejected due to internal error". (598787)



24. system-other – In very rare cases, web server can prematurely close connections to JSAM clients. (661618)
25. system-other - User session in cache is not getting deleted even if persistent data is not configured for the user. (678112)
26. web-ive-toolbar - In IVE toolbar, when session counter is enabled, the label displayed in French browser is not translated properly. (692622)
27. web-java-sun-jvm - For applets signed by code-signing certificates, whose CA is not present in the IVE, a self-signed device certificate is used to re-sign the applet (669437)
28. web-other - Javascript error while loading a customer application in IE. (664675)
29. web-other - Admin UI takes long time to display profiles when there are more than 300 terminal service profiles. (665331)
30. web-other - Customer specific PDF application does not work with rewriter. (685011)
31. web-other - User gets Permission denied error while accessing CKEditor through Rewriter. (688023)
32. web-other - JSON-DOM Style object is not getting rewritten properly (697052)
33. web-other - Issue with client side rewriting of incomplete HTML tags. (700464)
34. web-ptp-other - There is a rewriter issue when SWF tries to do string manipulations of URLs. (684403)
35. web-rewrite-filter - When processing large web pages through a rewriter filter, the filter process might crash. (592782)
36. web-sso - NTLM authentication doesn't happen for a specific user when the user enters the credentials in the intermediation window (684845)
37. web-webproxy - POST request fails when using authentication proxy and data size is over 4096 bytes. (669656)
38. win-term-svcs-enduser - Japanese file names for Citrix Listed Applications under the Terminal Sessions are showing up incorrectly. (680804)
39. win-term-svcs-other - Citrix listed application gives error "Unable to load Citrix Listed Applications, please contact your administrator" on bookmark page if the password has leading spaces. (677515)
40. win-term-svcs-other - The Hob applet licenses run out prematurely when Dynamic Policy Evaluation is enabled on the IVE. (678832)
41. win-term-svcs-other - Client detection does not happen correctly with Citrix WI 5.2+ on Mac and WI 5.4 on Windows. (682251)
42. win-term-svcs-other - User password with euro symbol prevents fetching of Citrix Listed Applications. (682530)

43. win-term-svcs-resource-profiles - Read-Only administrator is unable to see configured "Connect Devices" options under Terminal Services Resource Profile Bookmark. (689815)
44. asg-sysmgmt-config-import-export – If Shavlik patch updates are configured, XML import/export and NSM updates fail. (688601).
45. endpointintegrity-custom-check – Host Checker fails for policy where Japanese file name is configured in custom registry setting check. (668851)

#### **Known Issues/Limitations Fixed in 7.1R4.2 Release**

The following list enumerates known issues which were fixed in this release:

1. asg-aaa-active-directory – If there is a failover from the primary domain controller (PDC) to the backup domain controller (BDC) then role mapping rules based on group lookup might start failing. (702777)

#### **Known Issues/Limitations Fixed in 7.1R4.1 Release**

The following list enumerates known issues which were fixed in this release:

1. aaa-clustering-other – On SA6000 &SA6500 devices, there is a small memory leak in one of the processes. (688265)
2. aaa-active-directory - When using AD authentication server, smb server crashes are seen. (693394)
3. aaa-active-directory - When AD group lookup is enabled for role mapping, role mapping might fail intermittently. (696332)

#### **Known issues/Limitations in 7.1 R4**

The known issues below apply to all 7.1-based releases unless otherwise specified.

1. cs-nc-enduser - When Network Connect is launched, the message "your session on the machine expired" may be shown up in the browser when manual proxy is configured on server side. (682050)
2. cs-jsam-enduser - When using Safari 5.1, the JSAM launcher window may not always close automatically after JSAM is launched. (679757)
3. meeting-series-enduser - A Mac 10.7 machine cannot be used as a presenter in a secure meeting. (604493)
4. uac-oac-client-other - OAC does not yet support Mac OS X 10.7 (Lion). (658607)
5. aaa-client-cert - Safari 5.1 browser on MAC 10.6 crashes with client certificate authentication. (682384)
6. aaa-client-cert - Auto import feature doesn't work with MAC OS 10.6 with Safari 5.0 and 5.1. (682434)
7. cs-jsam-enduser - Traffic will not go through JSAM if the application is configured in the client's host file on Mac 10.7. (681913)

8. cs-wsam-other - TFTP doesn't work with WSAM. (686935)
9. cs-nc-other - Session start script doesn't work for Mac Network Connect clients if the shell script is located in a remote windows file share. (683068)

### **Known Issues/Limitations Fixed in 7.1R4 Release**

The following list enumerates known issues which were fixed in this release:

1. aaa-active-directory - When accessing the login page, users may see Internal Server error If the primary authentication server is configured to AD. (561350)
2. aaa-custom-sign-in - There is duplicated text in the Korean translation of PasswordExpiration.html. (596814)
3. aaa-custom-sign-in - IVE doesn't display correct RADIUS challenges to password change requests. (660415)
4. aaa-radius - In A/P and A/A clusters, Radius accounting of Network Connect packets is inaccurate if the user's session fails over from one to the other, or a user session is ended by other node than the one the user is being served by. (612740)
5. aaa-saml - Role mapping based on SAML attributes fail if a secondary auth server is configured and when a SAML server is configured as a primary Auth server. (668767)
6. aaa-sign-in-pages - End user message has been changed when user attempts to launch WSAM after user session has ended. (678720)
7. cachecleaner-end-user - Cache Cleaner doesn't work when wildcard "\*" is configured for browser cache hostnames entry. (664270)
8. cs-nc-admin - Total Network Connect bandwidth is not being computed correctly when bandwidth management policies are configured on the IVE. (661540)
9. cs-nc-enduser - Users are prompted twice for credentials to re-sign in after signing out of the Network Connect standalone Mac client. (584992)
10. cs-nc-enduser - When user clicks the 'Signout' button on the web page while Network Connect is running, in some cases the user might see an error popup from Network Connect. (659242)
11. cs-nc-policies - The file path for Network Connect start and end session scripts are parsed correctly only if the environment variable is not embedded in the path. Multiple environment variables in the file path are also not allowed. (660199)
12. cs-wsam-admin - To reduce number of policies in WSAM policy framework, WSAM Destination Server list for role-based ACLs facilitates multiple lines to be added (526728)

13. endpointintegrity-opswat - Host Checker always fails an Anti-spyware check for Microsoft Security Essentials. (605368)
14. endpointintegrity-others - When ActiveX & Java are disabled in the browser, Vista users cannot connect to non-HC realm even though the Sign-in URL is associated with both HC and non-HC realms. (398867)
15. meeting-series-other - The secure meeting compatibility message is incomplete when the localization on the IVE is selected as German. (667247)
16. msp-vlan - IVS is routing the http and activesync traffic via the internal port instead of VLAN port when VLAN port is set as default internal port. (610471)
17. pulse-hostchecker - When using Junos Pulse, if the HC option "Monitor this rule for change in result" is selected, role re-evaluation does not happen until the realm level dynamic policy evaluation configuration time kicks in. (670594)
18. pulse-other - The URL field does not get populated when adding a web bookmark in Pulse on iOS. (604762)
19. pulse-other - VPN on demand fails for iPhone when WSAM and terminal services are disabled on the role. (659719)
20. system-other - License server CPU spikes after deleting license when license client tries to pull state from server. (678421)
21. ui-enduser - In some instance, terminal Service session bookmarks take a long time to display on the IVE home page. (664815)
22. web-flash - Links embedded in the SWF player is not played through the rewriter. (663361)
23. web-other - POST method through the rewriter might fail if the POST request is submitted multiple times before the previous request has completed. (574234)
24. web-other - The search option for the ATG Business control center web application is working incorrectly through rewriter. (593921)
25. web-other - Script error while loading .js files through rewriter. (603460)
26. web-other - Checkin from Local drafts folder is not working with Sharepoint 2007 through the rewriter. (607567)
27. web-other - Java window showing icons and tree view of folders displays blank in IE through rewriter (658525)
28. web-other - User cannot authenticate and connect via email proxy. (658554)
29. web-other - Print option failed to work when accessing through the rewriter after upgrading SQL Server Reporting Services print client. (659910)
30. web-other - The javascript rewriting of location.pathname does not work in some instances. (662995)

31. web-other - UTF-8 filenames are not being displayed correctly in Firefox when accessed through the rewriter. (664261)
32. web-other - URLs containing hex character codes are not being rewritten correctly. (664842)
33. web-other - URLs with HTML decimal codes for certain instances are not rewritten properly. (669388)
34. web-other - Unable to download a PDF file through PTP because the content-disposition header is being removed. (669765)
35. web-pdf - While accessing pdf files created by PDFCreator version 0.9.3, the rewriter crashes. (580418)
36. web-ptp-other - When a web resource is accessed through PTP, complete data is not getting sent in the POST request. (664333)
37. web-selective-rewrite - Problem rendering web page through rewriter on Chinese OS. (672996)
38. win-term-svcs-enduser - When accessing CTS with custom ICA file and SSO enabled scroll bar displayed when window is minimized and restored. (606602)
39. win-term-svcs-enduser – Terminal services are slow when using a load balancer (676023)
40. win-term-svcs-policies - Installed Java RDP applet is not launching when a WTS policy is on top of the page list. (610683)
41. system-other - Syslog traffic is not going through the management port when the port is enabled. (610866)
42. cs-jsam-end-user – Unable to launch JSAM on Mac 10.6 and 10.7 with Safari 5.1 installed; an error is displayed “This browser does not use Cocoa Java Plug-in.” (604967)
43. cifs-enduser - Windows file share for a user is not accessible when a windows files link on the corner of the files section instead of accessing the file bookmark is accessed as it stays on the same page instead of prompting for the credentials. (664612)

### **Known Issues/Limitations Fixed in 7.1R3 Release**

The following list enumerates known issues which were fixed in this release:

1. aaa-ace – In RSA ACE authentication, if the user lingers on the new pin and next token pages, the authentication process might fail. (584002)
2. aaa-active-directory - If account password between DCs is out of sync, it can cause login failure for users. (579423)
3. aaa-delegatedadmin - Unable to delegate virtual desktop resource to a delegated admin role. (598772)
4. aaa-ldap - Saving of LDAP server instance results in “Invalid base DN or Filter” error message when referral response is received from the server. This error message has been changed to “Verification leads to Referrals,

Base DN and Filter cannot be verified". (559963)

5. aaa-ldap - LDAP users are unable to change password when the password contains special Swedish characters. (600901)
6. aaa-radius - If RADIUS Challenge-Response is used as Secondary Authentication then users are unable to login. (595373)
7. aaa-realm-authrestric - Simulation of role mapping based on custom expression for date incorrectly uses IVE's system time instead of the variable in the simulation query. (606606)
8. cifs-other - While doing unix/nfs file browsing delete button is not shown when only one file or folder exists in the directory. (604219)
9. cs-jsam-enduser - JSAM tool fails with Windows 7 Japanese client images. (602260)
10. cs-nc-acls - Network Connect ACL with specific port number or with range of port numbers (eg: protocol://ipaddress:portnumber, protocol://ipaddress:prange1-prange2,) does not work with fragmented IP packets from client or backend server. (590765)
11. cs-nc-enduser - Occasionally, RDP to a Windows 7 client fails after the Network Connect tunnel is disconnected. (574357)
12. cs-nc-enduser - The forced password change at next login for an AD user does not work through the Network Connect mini browser. (588451)
13. cs-nc-enduser - Network connect and 4G connection fails with Sprint USB internet card in 4G mode. (590314)
14. cs-nc-enduser - Mac OS X users intermittently require two authentication attempts for standalone Network Connect login. (593575)
15. cs-nc-enduser - Network Connect launcher login credentials are erroneously processed when realm is not specified. (593661)
16. cs-nc-install-upgrade - Launching Network Connect gives error in Windows XP SP2 if PUBLIC system environment variable is set to a folder that is not present. (595200)
17. cs-nc-other - When DPE is enabled, any Network Connect access changes triggered by an HC compliance change causes the Network Connect tunnel to switch from ESP transport mode to SSL transport mode. (542767)
18. cs-nc-other - If the upgrade of Network Connect on Mac OS X is interrupted then the installed version of Network Connect disappears. (584633)
19. cs-nc-other - If a user launches Network Connect while the Network Connect tunnel is already established, the new Network Connect session does not use the configured proxy settings. (586636)
20. cs-wsam-enduser - FTP transfers of large files occasionally fails through WSAM. (600743)
21. cs-wsam-install-upgrade - DNS resolution through WSAM fails if ZoneAlarm is also present on the client. (573726)
22. endpointintegrity-custom-check - Host Checker policy for file check fails with Japanese file names. (589057)
23. endpointintegrity-liveupdate - Intermittent errors while downloading the AV and Shavlik data from download.juniper.net. (565729)
24. juns-access-service - JIS service fails to start due to improper service status reporting to Windows SCM. (567141)

25. log-upload-admin - Client logs are now imported successfully across the IVE OS upgrades. (573242)
26. meeting-series-other - If the hostname under Network -> Overview is changed, the secure meeting notification email might sometimes refer to the previously entered host name. (606801)
27. msp-ivs - IVS maximum concurrent user limit is not being evaluated properly. (608463)
28. system-i18n - Specific Korean characters in realm names are not displayed correctly in the active users page. (594423)
29. system-install-upgrade - Admin authentication fails if the subscription based license has expired.(605464)
30. system-other - If the IVE is configured for OCSP checking of client certificates and if the OCSP response is signed with a Responder Signer Certificate that has Revocation Checking enabled then the client certificate authentication will fail. (559743)
31. system-other - The System Config Import option messages are now modified to match the expected behavior. (597726)
32. system-other - On SA6500 and SA6000 platforms, the HDD numbering starts from -1 instead of 0 in the System->Platform page on the admin UI. (603641)
33. system-network – A newly created VLAN is not usable unless the VLAN ID or the IP address is edited. (597696)
34. system-network- After deleting a VLAN from the admin UI, the console command ifconfig still shows the VLAN interface. (574388)
35. system-time - Erroneous NTP messages are logged when the update interval is small. (574572)
36. web-flash - Popup error is displayed when accessing a specific flash website through the rewriter. (564739)
37. web-java-sun-jvm - The Java rewriter fails if more than 20 jar files are listed in the archive list. (600980)
38. web-other - Rewriting of Microsoft Ajax method \_createElement does not work. (583120)
39. web-other - In user access logs, the rewriter logs the number of bytes received based on the Content-Length header value instead of the actual number of bytes received. (583908)
40. web-other - User sees HTTP 404 error for HELP page when using Custom Help Page with custom port. (588371)
41. web-other – The javascript variable document.URLUnencoded does not work through the rewriter. (589423)
42. web-other – Due to insufficient support for SHA2, an HTTPS connection from the rewrite server to the web server results in an SSL certificate warning. (593644)
43. web-other – In the rewriter, unable to open or save an attachment of an encrypted email in OWA 2010 SP1, it fails. (594651)
44. web-other – File:// URL's where “file” is not all lower case in OWA emails are not rewritten. (595171)
45. web-other – Javascript rewriter issue while accessing the customer's web application. (598281)
46. web-other - During rewriting of Cognos reports extra text is added, causing improper results. (600188)
47. web-other – An issue exists in the XSL rewriter. (600886)

48. web-other - During rewriting, javascript error occurs when exporting an EXCEL file from a graph on the rewritten page. (601426)
49. web-other - If the value of the src attribute of an iframe tag is empty then content is rewritten incorrectly. (602430)
50. web-other - In rewriter it takes time to reload js files when webserver sends HTTP header without content. (611872)
51. web-ss0 - When using Kerberos SSO, IVE is sending Kerberos requests and DNS queries to the wrong Domain Controller. (590186)
52. web-ss0 - Authentication through the rewriter is broken if user belongs to a large number of AD groups. (592168)
53. win-term-svcs-enduser - Two WTS sessions are launched instead of one on a Vista machine with Firefox. (603627)
54. win-term-svcs-other - Unable to access Citrix resource through IVE if the application name contains a "+". (593343)

#### **Known Issues/Limitations not Fixed in 7.1R2 Release**

The following list enumerates known issues which were not fixed in this release:

1. asg-system-other - On SA6500 and SA6000 platforms, the HDD numbering starts from -1 instead of 0 in the System->Platform page on the admin UI. (603641)
2. asg-system-network – A newly created VLAN is not usable unless the VLAN ID or the IP address is edited. If you are creating many VLANs at the same time, you can change the MTU value for the internal port, and all the VLANs will become usable. The MTU value can then be changed back. (597696)
3. asg-system-network- After deleting a VLAN from the admin UI, the console command ifconfig still shows the VLAN interface. To fix this, reboot the IVE. (574388)

#### **Known Issues/Limitations Fixed in 7.1R2 Release**

The following list enumerates known issues which were fixed in this release:

1. aaa-ace - Re-entering of a valid PIN after an invalid attempt is not getting accepted during ACE authentication. (566976)
2. aaa-delegated-admin – A delegated admin that has been denied access to specific roles is allowed access to these roles in the 'Role Mapping Rules' section. (578881)
3. aaa-multisession - Logout message for a user gets logged in the User Access Logs after "Session Timed Out" message is logged. (581264)
4. aaa-other - Passing a NULL to token replace enumerator leads to a crash. (566510)
5. aaa-other - For One Time Password authentication, following log out, navigation to the sign-in page goes to the One Time Password authentication page instead of to the welcome.cgi page. (568559)
6. aaa-other - Order of realms is lost in sign-in pages while editing a sign-in URL. (575967)



7. aaa-realms – Secondary password length restriction is not honored if the primary authentication server is configured for Certificate Authentication. (579064)
8. aaa-saml - SAML assertion consumption limit is now raised to appropriate value. (592651)
9. aaa-sign-in-pages – When logging in with a browser that fails a realm-based browser restriction check, the HTML tags in the welcome page is displayed as is. (571114)
10. cifs-bookmarks - File bookmarks will now appear when selected with 'only under the FB section'. (589886)
11. clustering-active-passive - Both the nodes in the Active/Passive cluster constantly change the state and think that they are leaders when more than 100 routes are configured. (548407)
12. cs-nc-enduser - Network Connect Credential Provider login fails for a Domain user logging in for the first time into the client, when Host Checker is enabled. (492785)
13. cs-nc-enduser - Network Connect on Mac gets disconnected when switching between wired and wifi connections although roaming is enabled. (546545)
14. cs-nc-enduser - After launching Network Connect, Connection Specific DNS Suffix is getting removed if the DNS option is set as "Append primary and connection specific DNS suffixes" at client machine. This fix does not support "Append parent suffixes of primary DNS suffix" option. (565647)
15. cs-nc-enduser - Network Connect crashes on Mac book air platforms. (569681)
16. cs-nc-enduser - Network Connect launch from the command line fails if the CRL is unreachable . (570220)
17. cs-nc-enduser - On Mac OSX, Standalone Network Connect does not save the sign-in URL after upgrading Network Connect. Note that the fix for this PR is in the "upgrade from" code, not the "upgrade to" code. So if you are upgrading Network Connect from a fixed version, and you manually enter a URL, the URL will populate automatically after upgrade. (574114)
18. cs-nc-enduser - The Network Connect connection fails due to incorrect parsing of the proxy exceptions list in the client browser. (584226)
19. cs-nc-other - Network Connect Help button in Mac Network Client doesn't work in the user login page. (544335)
20. cs-nc-other - Network Connect occasionally is slow to launch on Windows 7 and Windows Vista machines. (562812)
21. cs-nc-other - There is a small memory leak for each Network Connect tunnel. (568152)
22. cs-wsam-ppc - Password management fails for a windows mobile device with certain authentication mechanisms. (568857)
23. endpointintegrity-admin-ui - Host Checker rule for windows gets evaluated in Linux when the HC policy has 2 rules, one for Windows and another for Linux with the same rule name. (553014)
24. endpointintegrity-admin-ui - In Host Checker, Windows 2003 64-bit is not available as a Predefined OS Check. (580429)
25. endpointintegrity-ees - AED fails to initialize after pulse is installed. (551613)
26. endpointintegrity-svw - Upgrade from pre-6.5 to 6.5 disables SVW child policy. (557077)

27. meeting-series-enduser - When using Secure Meeting on Vista/Windows 7 (x64 and x32) and IE 8 (32-bit), a warning may be seen that the "application must be started through a browser" if the application takes >10 seconds to start even though the application launches successfully.(535507)
28. sysmgmt-nsm-rendering - NSM is displaying the roaming netmask field, even when it is not displayed on SA. (540419)
29. sysmgmt-snmp - The help text is now modified properly for the iveLogsFull/iveLogsNearlyFull traps. (561372)
30. sysmgmt-snmp - IVE returns incorrect interface statistics due to an erroneous file read operation. (573573)
31. system-digital-cert - CRL download messages are not properly displayed in the event log. (573091)
32. system-install-upgrade – Upgrading a FIPS cluster to 7.1/4.1 releases may fail.(601088)
33. system-licensing - License client is unable to surrender permanent license. (600230)
34. system-other - Bond interfaces for unused ports are created on the device which results in SNMP notifications for these ports. (565030)
35. system-other - Setting Syslog server hostname restarts the network services if the dns server is unreachable. (569090)
36. system-other - Incompletely downloaded anti-virus definition update files are not deleted from the IVE. (572743)
37. system-other - SA sends improper SNMP traps for OCSP. (574598)
38. virtual-desktop-end-user - Issues with Citrix connectivity in SVW due to short name being used for creation of virtual directory. (566043)
39. virtual-desktop-end-user - Users are unable to launch Control Panel from SVW on Windows 7. (567817)
40. virtual-desktop-end-user - Within SVW, web page sometimes garbled (578485)
41. virtual-desktop-end-user - Avaya IP agent doesn't launch inside SVW (581758)
42. virtual-desktop-other - SVW Custom application list is not working properly in Windows 7. (575270)
43. web-java-sun-jvm - Improper re-writing of URL containing quotes causes JAVA applet of Business Objects InfoView (BO 11 R2) application to not load. (565616)
44. web-other - Java applet does not load due to improper re-writing of multiple class-paths defined in the manifest. (532646)
45. web-other - If two web applications are configured in PTP port mode and one of the applications is Sharepoint, the non-Sharepoint application might not work through PTP. (543093)
46. web-other – HTML tags within comments are not rewritten correctly. (560109)
47. web-other - Incorrect truncation of a swf url with spaces leads to an assert. (563704)
48. web-other - Rewriter has issues handling "Refresh: 'url=#' ". (567957)
49. web-other - User gets signed out of chat when trying to send an IM using Lotus Sametime through rewriter. (578809)

50. web-other - User is unable to download xls file through rewriter for particular customer application. (584685)
51. web-other - Japanese Google home page is not being rewritten correctly through the NTT i-mode phone. (588688)
52. web-pdf - Links inside a PDF file are not getting rewritten correctly. (568994)
53. web-pdf - While accessing pdf files created by PDFCreator version 0.9.3, the rewriter crashes. (580418)
54. web-selective-rewrite - Rewriter issue with word webfile cab/activex (569022)
55. web-supportedapps - Lotus iNotes 8.5.2 does not work using Firefox through the rewriter. (555737)
56. win-term-svcs-policies - Connection to a Citrix server on a custom port fails. (577932)
57. system-licensing - License grace period has been increased from 5 days to 10 days in case if a cluster node goes down. (582431)

#### **Known Issues/Limitations in 7.1R1.1 Release**

1. A new Pulse client version (downloaded from a 7.1R1.1 server) cannot connect to an older server version if any of the following three options are configured on the server: Shavlik patch assessment, Advanced Endpoint Defense, or Auto-update patch management. (593781)